# PATENT ABSTRACTS OF JAPAN

(11)Publication number:

11-202365

(43) Date of publication of application: 30.07.1999

(51)Int.CI.

GO2F 1/136

GO2F 1/1345

(21)Application number: 10-

(71)Applicant : NEC CORP

008718

(22)Date of filing:

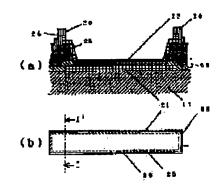
20.01.1998 (72)Inventor: MAEDA AKIYOSHI

### (54) LIQUID CRYSTAL DISPLAY PANEL AND PRODUCTION THEREOF

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide a liquid crystal display panel with which the resistance of press contact with a TCP is low and stable, reliability in connection is high and man-hour is not increased by composing the connecting put of a connecting electrode provided at the starting terminal parts of a scanning line and a signal line of aluminum or the alloy of aluminum base.

SOLUTION: A metal film 21 is selectively formed on a transparent substrate 11, a metal film 23 is selectively formed through a terminal contact hole 25 opened on an



inter-layer insulating film 22 so as to reach the metal film 21, further, a terminal contact hole 26 is opened on a protection insulating film 24 so as to reach the metal film 23, and a terminal electrode is constituted. In this case, the metal film 23 is composed of a single layer film or laminated films composed of aluminum or the alloy of aluminum base. Since such a liquid crystal display panel is structured so as to form or remove the insulating film of aluminum oxide or aluminum hydroxide at the terminal electrode part without photomasking, man-hour can be reduced.

1 -	GA	$L \; S^{T}$	ΔΙ	HS

[Date of request for examination] 20.01.1998

[Date of sending the examiner's

01.02.2000

decision of rejection]

[Kind of final disposal of application other than the examiner's decision

of rejection or application converted registration]

[Date of final disposal for

application]

[Patent number]

3119228

[Date of registration]

13.10.2000

[Number of appeal against

2000-02931

examiner's decision of rejection]

[Date of requesting appeal against

02.03.2000

examiner's decision of rejection]

[Date of extinction of right]

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## 일본공개특허공보 평11-202365호(1999.07.30) 1부.

[첨부그렇 1]

(19)日本開特許庁 (JP)

1/1945

四会開帶許公報(A)

(11)特許出端公開書号

特開平11-202365

(43)公開日 平成11年(1998)7月30日

GD back G02F 1/196 600

G02F

1/196 1/1845 600

**建水系の敷は OL (金18頁)** 

(21)/四面神号

**特集平10--8718** 

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平成10年(1998) 1 月20日

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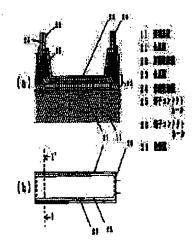
大会出内

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#### (50 (突襲の名称) · 施品表示パネル及びその製造が接

(男) (異的) (理論) 唯千年版のアルミニッと表面が設定され、反 情報的以高く不安定になり、影響情報をお客ですること

を作成な力多で製しする。 (関係不良) 外部の聖地田線との無路を取るためのア ・クティフマトリックス準備の端子電電部において、その・ 接続発揮をアルミニウムまたはアルミニウム白虫で得滅。 しょうなくども TOPとの無応流をあらかじの際化アル モニウムまたは酸化デルミニウムと水酸化アルミニウム との情景駅からなる経路駅で観測し、セル工程の経路工 領は傾の工程で終記記録数を選択的に設去する。これに ・よりデレイ工程のアニールやをル工程の配数取扱成件の 熱処理や実済的の連絡を係る面の酸化の影響をなくす。



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